ECU-882-C Connector Pinout

Connector A   BLACK

1. INJ 4 – Green – Injector Driver #5, selectable in software
2. INJ 5 – White – Injector Driver #6, selectable in software
3. INJ 6 – Brown – Injector Driver #7, selectable in software
4. INJ 7 – Pink – Injector Driver #8, selectable in software
5. IGN 0 – Green/Yellow – Coil Driver #1, selectable in software
6. IGN 1 – Green/Orange – Coil Driver #2, selectable in software
7. IGN 2 – Green/Blue – Coil Driver #3, selectable in software
8. IGN 3 – Green/Gray – Coil Driver #4, selectable in software
9. INJ 3 – Gray – Injector Driver #4, selectable in software
10. TACH OUT – Dark Green/White Tachometer output for RPM, 12v +
11. GPO 1 – Brown/Orange – 8 amp Low Side Driver (VVT)
12. GPO 2 – Brown/Green – 8 amp Low Side Driver (Nos)
13. GPO 3 – Brown/Red - .25 amp Low Side Driver (Fan Relay)
14. GPO 4 – Brown/Yellow - .25 amp Low Side Driver (Fuel Pump Relay)
15. IGN 4 – Green/Dark Green – Coil Driver #5, selectable in software
16. INJ 2 – Blue – Injector Driver #3, selectable in software
17. INJ 1 – Orange– Injector Driver #2, selectable in software
18. INJ 0 – Yellow – Injector Driver #1, selectable in software
19. CAN H – Yellow/Blue - Control Area Network High
20. CAN L – Yellow/Green- Control Area Network Low
21. IGN 7 – Green/Pink – Coil Driver # 8, selectable in software
22. IGN 6 – Green/Tan – Coil Driver # 7, selectable in software
23. IGN 5 – Green/White – Coil Driver # 6, selectable in software

Connector B   GRAY

1. IAC (B-) – White/Yellow - Idle Air Motor Pin #D
2. MAT – Tan – Air Temp Sensor Return
3. AUX – Tan/Brown Sensor input, ANTI-LAG, DUAL REV-LIMIT
4. EGO 1 + -- Black/Red – EGO 1 Signal output
5. EGO 2 + -- Black/Yellow – EGO 2 Signal output
6. TPS GND – Black – TPS Ground, outside pin
7. VRA/TRA – White – Trigger (inside shielded #8 white wire)
8. VR SHLD – Shield for VRA/TRA Hall Trigger (white # 8 outside mesh)
9. IAC (B+) – White/Green - Idle Air Motor Pin #C
10. CLT – Lt Green – Coolant Temp sensor ground
11. EGO 1(-) – Grey/Black – EGO 1 Return
12. EGO 2 (-) Grey/Yellow –EGO 2 Return
13. TPS – Teal – TPS signal, usually TPS center pin
14. HALL GND – Blk – Hall sensor Gnd. (inside shielded #8 White Wire)
15. MAP SEL – Purple – Ground to switch between 2 maps, DMI
16. IAC (A+) – White/Black - Idle Air Motor Pin #B
17. IAC (A-) – White/Red - Idle Air Motor Pin #A
18. MAT VCC – Yellow/Red – Air temp positive feed
19. CLT VCC - Yellow/Red – Coolant temp positive feed
20. TPS VCC - Yellow/Red – TPS positive feed, to outside pin
21. HALL VCC – RED – (inside white # 8 shielded wire) – Hall Sensor only
22. TRGB – XXXXX – Flywheel TDC Hall input
23. TRGIDX – Yellow/Brown – Trigger Index Phase Angle Setting, Resets to phase 1(#1 injector). Set a min. of 45 degrees before the TDC reference pulse. (missing tooth, teeth on crank wheel)

Power Connector

25. B VBAT- Battery Negative Ground direct to Battery

Connect vacuum hose from box to the engine, after throttle!

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